

1 **DETECTING COUNTERFEITING USING CUSTOM COLORED INKS**

2 **ABSTRACT OF THE INVENTION**

3 The present invention provides methods and apparatus for an
4 effective deterrent to casual counterfeiting. An example
5 method of achieving the deterrent exploits the limited color
6 gamut of commonly available printers by using selected inks
7 having colors that are out-of-gamut colors for those
8 printers. Another example of a method of the present
9 invention provides for achieving the deterrent by sorting a
10 plurality of candidate documents into a first group of
11 scanned documents not having the out-of-gamut color, and
12 into a second group of scanned documents having the
13 out-of-gamut color, so that the scanned documents in the
14 first group being probably counterfeit, and the scanned
15 documents in the second group being possibly authentic.